

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
				Application Number	09/606,369
				Filing Date	06/28/2000
				First Named Inventor	Stuelpnagel, John R.
				Art Unit	1744
				Examiner Name	Beisner, W.H.
Sheet	1	of	5	Attorney Docket Number	A-67493-3

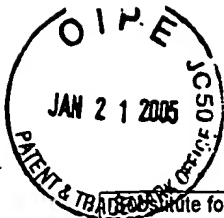
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number/Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WLB	1	3,281,860	10/25/1966	Adams	_____
	2	3,690,836	09/12/1972	Buissiere	_____
	3	3,710,933	01/16/1973	Fulwyler	_____
	4	3,802,966	04/09/1974	Delekto	_____
	5	4,016,855	04/12/1977	Mimata	_____
	6	4,121,222	10/17/1978	Diebold	_____
	7	4,204,929	05/27/1980	Bier	_____
	8	4,349,510	09/14/1982	Kolehmainen	_____
	9	4,373,071	02/08/1983	Ikatura	_____
	10	4,458,066	07/03/1984	Caruthers	_____
	11	4,500,707	02/19/1985	Caruthers	_____
	12	4,672,040	06/09/1987	Josephson	_____
	13	4,707,454	11/17/1987	Hendrix	_____
	14	4,728,502	03/01/1988	Hamill	_____
	15	4,731,325	03/15/1988	Palva	_____
	16	4,780,504	10/25/1988	Buenadia	_____
WLB	17	4,812,512	03/14/1989	Buenadia	_____

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
WLB	18	WO 89/10977 A1	11/16/1989	Isis Innovation Limited	_____	
	19	WO 90/00626 A1	01/25/1990	Baylor College of Medicine	_____	
	20	WO 90/03382 A1	04/05/1990	Isis Innovation Limited	_____	
	21	WO 90/15070 A1	12/13/1990	Affymax Technologies	_____	
	22	WO 92/10092 A1	06/25/1992	Affymax Technologies	_____	
WLB	23	WO 92/10587 A1	06/25/1992	Affymax Technologies	_____	

Examiner Signature		Date Considered	4/12/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Information for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/606,369
				Filing Date	06/28/2000
				First Named Inventor	Stuelpnagel, John R.
				Art Unit	1744
				Examiner Name	Beisner, W.H.
Sheet	2	of	5	Attorney Docket Number	A-67493-3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number/Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WAO	24	4,815,274	03/28/1989	Piatti	
	25	4,853,335	08/01/1989	Olsen	
	26	4,877,745	10/31/1989	Hayes	
	27	4,878,971	11/07/1989	Tsunekawa	
	28	4,879,097	11/07/1989	Whitehead	
	29	4,963,498	10/16/1990	Hillman	
	30	4,992,383	02/12/1991	Farnsworth	
	31	5,021,550	06/04/1991	Zeiger	
	32	5,047,524	09/10/1991	Andrus	
	33	5,087,820	02/11/1992	Kearns	
	34	5,141,813	08/25/1992	Nelson	
	35	5,143,854	09/01/1992	Pirrung	
	36	5,144,136	09/01/1992	Kubisiak	
	37	5,153,319	10/06/1992	Caruthers	
	38	5,188,963	02/23/1993	Stapleton	
	39	5,200,051	04/06/1993	Cozzette	
	40	5,204,253	04/20/1993	Sanford	

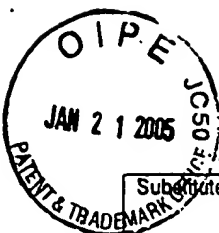
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
WAO	41	WO 92/10588 A1	06/25/1992	Affymax Technologies		
	42	WO 93/06121 A1	04/01/1993	Affymax Technologies		
	43	WO 93/09668 A1	05/27/1993	Affymax Technologies		
	44	WO 93/11262 A1	06/10/1993	Bertin & Cie		
	45	WO 93/22053 A1	11/11/1993	Trustees of University of Pennsylvania		
WAO	46	WO 93/22058 A1	11/11/1993	Trustees of University of Pennsylvania		

Examiner Signature		Date Considered	4/12/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460



INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	09/606,369
				Filing Date	06/28/2000
				First Named Inventor	Stuelpnagel, John R.
				Art Unit	1744
				Examiner Name	Beisner, W.H.
Sheet	3	of	5	Attorney Docket Number	A-67493-3

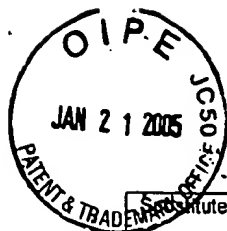
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number/Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1/26/5	47	5,256,549	10/26/1993	Urdea	
	48	5,281,516	01/25/1994	Stapleton	
	49	5,281,540	01/25/1994	Merkh	
	50	5,287,272	02/15/1994	Rutenberg	
	51	5,288,514	02/22/1994	Ellman	
	52	5,300,779	04/05/1994	Hillman	
	53	5,304,487	04/19/1994	Wilding	
	54	5,310,469	05/10/1994	Cunningham	
	55	5,314,829	05/24/1994	Coles	
	56	5,320,808	06/14/1994	Holen	
	57	5,322,799	06/21/1994	Miller	
	58	5,346,672	09/13/1994	Stapleton	
1/4/0	59	5,358,691	10/25/1994	Clark	
	60	5,374,395	12/20/1994	Robinson	
	61	5,382,511	01/17/1995	Stapleton	
	62	5,384,261	01/24/1995	Winkler	
	63	5,436,129	07/25/1995	Stapleton	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
1/26/5	64	WO 97/33737 A1	09/18/1997	President and Fellows of Harvard College		
	65	WO 98/08092 A1	02/26/1998	Smith Kline Beecham Corporation		
	66	WO 00/48000 A2	08/17/2000	llumina, Inc.		
	67	WO 02/00336 A1	01/03/2002	llumina, Inc.		
1/26/5	68	EP 0 260 965 B2	03/23/1988	Pacific Biotech Inc.		
	69	EP 0 378 968 A2	07/25/1990	Isis Innovation Limited & Ciba-Geigy AG		

Examiner Signature		Date Considered	4/12/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460



INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Substitute for form 1449/PTO	
				Complete if Known	
				Application Number	09/606,369
				Filing Date	06/28/2000
				First Named Inventor	Stuelpnagel, John R.
				Art Unit	1744
				Examiner Name	Beisner, W.H.
Sheet	4	of	5	Attorney Docket Number	A-67493-3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number/Kind Code ²	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WHS	70	5,445,970	08/29/1995	Rohr	
	71	5,451,500	09/19/1995	Stapleton	
	72	5,595,915	01/21/1997	Geysen	
	73	5,843,767	12/01/1998	Beattie	
	74	5,863,722	01/26/1999	Brenner	
	75	6,074,614	06/13/2000	Hafeman	
	76	6,355,431	03/12/2002	Chee	
	77	6,396,995	05/28/2002	Stuelpnagel	
	78	6,429,027	08/06/2002	Chee	
	79	6,544,732	04/08/2003	Chee	
	80	6,551,817	04/22/2003	Besemer	
	81	6,620,584	09/16/2003	Chee	
	82	6,663,832	09/16/2003	Lebl	
	83	US 2002/0132221	09/19/2002	Chee	
	84	US 2002/0132241	09/19/2002	Fan	
	85	US 2002/0150909	10/17/2002	Stuelpnagel	
86	US 2002/0177141	11/28/2002	Chee		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
WHS	87	EP 0 417 305 A1	03/20/1991	Idemitsu Petrochemical Co. Ltd.		

Examiner Signature		Date Considered	4/12/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


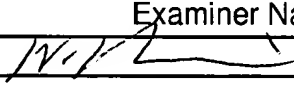
¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460

3/7/05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER						
<div>Application Number : 09/606369 </div> <div>Confirmation Number: 6020</div> <div>First Named Applicant: John Stuelpnagel</div> <div>Attorney Docket Number: A-67493-3</div> <div>Art Unit: 1744</div> <div>Examiner: William H. Beisner</div> <div>Search string: (20030162210).pn</div>							
US Published Applications							
Note: Applicant is not required to submit a paper copy of cited US Published Applications							
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
US	1	20030162210	2003-08-28	Chetverin	US	—	—
Signature							
Examiner Name				Date			
				4/12/05			